

F1G. 2

## Inhibiti of natIL-12-indu d PHA Blast Proliferation by Anti-IL-12 mAbs

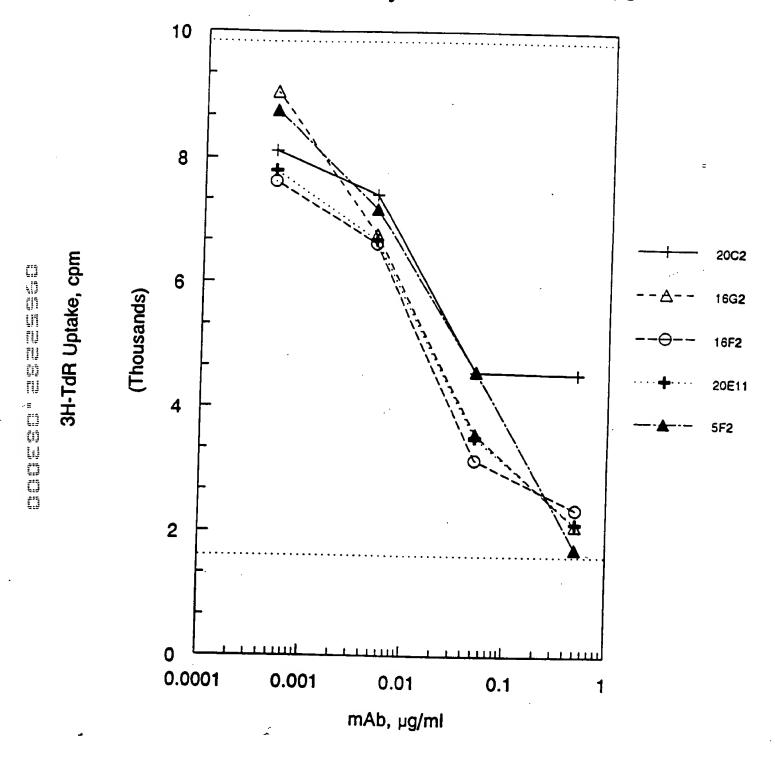


FIG. 3

## Inhibition f rhesus IL-12-indeced PHA Blast Proliferation by Anti-IL-12 mAbs

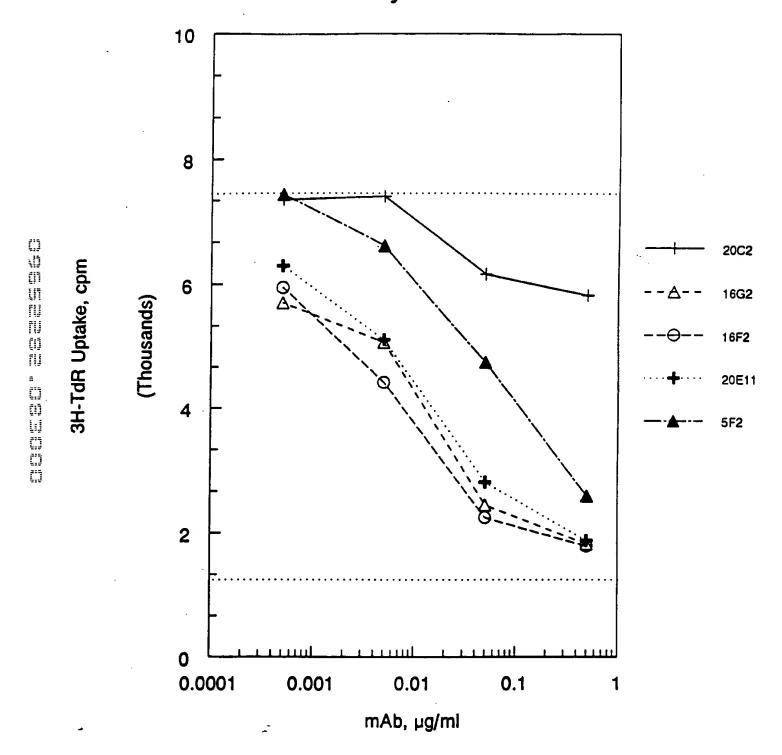
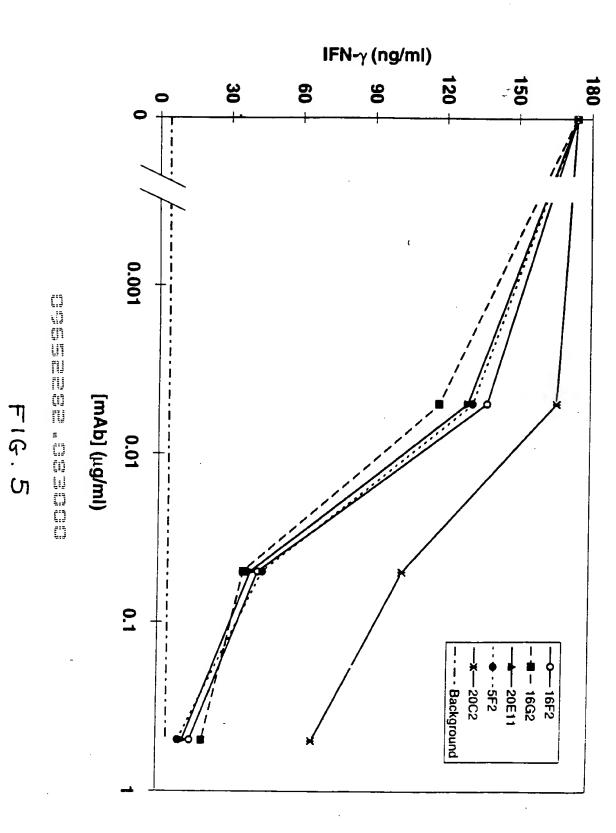


FIG. 4



Inhibition of IFN-y Production by Anti-hull-12 mAb

## 16G2 Heavy Chain Variable Region

16G2 Heavy Chain	54
16G2 Hears	
27  27  27  27  CTG GAG GAG TCA GGA CCT AGC CTC GTG AAA CCT  CTG GAG GAG TCA GGA TCG GAG CAC TTT GGA  CTC CTC AGT CCT GGA TCG GAG CAC TTT  GAC CTC CTC AGT CCT GGA TCG GAG Val Lys Pro  GAC CTC CTC AGT Gly Pro Ser Leu Val Lys Pro  Lau Glu Glu Ser Gly Pro Ser Leu 81	the recognition
27 AAA CCT CTG GAG GAG TCA GGA CCT AGC CTC GTG AAA CCT CTG GAG GAG TCA GGA TCG GAG CAC TTT GGA CTC CTC AGT CCT GGA TCG Val Lys Pro GAC CTC CTC AGT Gly Pro Ser Leu Val Lys Pro Leu Glu Glu Ser Gly Pro Ser Leu 81	TO AGG ACT CIC AGG GAG TOT
27 CCT	TCT CTC TGA GAC Ser Leu 1112
CTC GTG AAAA GGA	AGA GIO Thr Leu So
TOT AGC CAC TITE STO	Ser Gin
TCA GGA CGA TCG GAG Val Lys	108
CTG GAG GAG AGT CCT GGR Ser Leu	TO COG AAA
and CTC CTC ser Gly Pro	TGG ATC CCC TTT
GAO GLU GLU SO	TAC TGG AAC TAG GOT LYS
Lea -	ATG ACC TIG Trp Ile Alg
CTG GAG GAG TCA GGA GGA TCG GAU Val Lys FAGGAC CTC CTC AGT CCT GGA TCG GAU Val Lys FAGAC CTC CTC AGT GGY Pro Ser Leu Val Lys FAGAC GAC CTC GGC GAC TCC ATC ACC AGT GGC GAC TCC ATC ACC AGT TGA TCA CCG CTG AGG TAG TGG TCA CACA AGA CAG TGA CCG CTG AGG TAG TGA CAG AGA CAG TGA CCG CTG AGG TAG TGG TCA CAGA AGA CAG TGA CCG CTG AGG TAG TGG TCA CAGA AGA CAG TGA CCG CTG AGG TAG TAG TGG TCA CATC ATG GGA	CA TUT TED ASIL 191
or GGC GAC TAG TGG Ser	162
TCT GTC ACT CCG CTG AGG Ile Thr	ACT.
TGT TCT CAG TGA COV ASP SET	ACT GGT AGC AGC
ACA AGA Val Thr Gri	AGT TAT AGT CCA TCG Thr
Cys Ser 135	TTC ATA TCA ATA TCA GLY SET THE
TAC ATG GUA	AAG TAT COT TYP SEL SEL
TGT TCT GTC ACT GGC CTG AGG TAO Thr Ser S  ACA AGA CAG TGA CCG CTG AGG TAO Thr Ser S  ACA AGA CAG TGA CCG CTG AGG TAO Thr Ser S  135  135  TTC CCA GGG AAT AAA TTT GAG TAC ATG GGA  AAG GGT CCC TTA TTT AAA CTC ATG TAC CCT  AAG GGT CCC TTA TTT AAA CTC ATG TAC S  Phe Pro Gly Asn Lys Phe Glu Tyr MET Gly  Phe Pro Gly Asn Lys Phe Glu Tyr MET Gly	. phe Ile ser
CCA GGG AAT AAA CTC ATT MET GLY	216
TTC CCA GGC TTA TTT Phe Glu Tyr	ACA ICC AAI
AAG GGT COV ASN LYS	CE CGA GAC ACT AGG TTA
one pro GIY	TCC ATC ACT CTG TOT Ser ASN
ACA AGA CAI Thr GIV TO 135  Cys Ser Val Thr GIV TO 135  TTC CCA GGG AAT AAA TTT GAG TAC ATG TAC CCT AAG GGT CCC TTA TTT AAA CTC ATG TAC GLY AAG GGT CCC TTA TTT AAA CTC ATG TAC CCT AAG GGT CCC TTA TTT AAA CTC ATG TAC CCT AAG GGT CCC TTA TTT AAA CTC ATG TAC CCT AAG GGT CCC TTA TTT CGA G	TC TCG TAG TGA Arg Asp THE
TTC CCA GGG AAT AAA CTC ATG MET GLY  AAG GGT CCC TTA TTT AAA CTC ATG MET GLY  Phe Pro Gly Asn Lys Phe Glu Tyr MET GLY  Phe Pro Gly Asn Lys Phe Glu Tyr MET GLY  189  TAC AAT AAT CCA TCT CTC AAA AAT CGA G  ATG TTA TTA GGT AGA GAG TTT TTA GCT  ATG TTA TTA GGT AGA GAG TTT TTA ATG  TYR ASN ASN Pro Ser Leu Lys Asn Arg  TYR ASN ASN Pro Ser Leu Lys Asn CCA TCT  CTCT  CTCT	AG AGO Ile Thi Ale
CCA TCT CAG TTT TTA Arg	Val Ser 112 270
TAC AAT AAT COT AGA GAG LYS ASD ALS	GTG ACT ACT GAG GAC TCA GCC ACA TAT  GTG ACT ACT GAG GAC TCA GCG ACA TAT  A CAC TGA TGA CTC CTG AGT CGG TGT ATA  CAC TGA TGA CTC CTG AGT Ala Thr Tyr  Val Thr Thr Glu Asp Ser Ala Thr Tyr  CAC GGG ACC ACG
TTA TTA Pro Ser Lea	GTG ACT ACT GAG GAC TCA GCC ACA TAT  GTG ACT ACT GAG GAC TCA GCC ACA TAT  A CAC TGA TGA CTC CTG AGT CGG TGT ATA  TAC TGG GGC GCA GGG ACC ACG  TAC TGG GGC GCA GGG ACC ACG  TAC TGG GGC GCA CGC TGG TGC
ATG ASD ASD PRO	GTG ACT ACT GAG GAC TCA GGG TGT ATA  CAC TGA TGA CTC CTG AGT CGG TGT ATA  CAC TGA TGA CTC CTG AGT AGA Thr Tyr  Val Thr Thr Glu Asp Ser Ala Thr Tyr  GAC TAC TGG GGC GCA GGG ACC ACG  TG GAC TAC TGG GGC CGT CCC TGG TGC  TG GAC ACG ACG ACG ACG ACG ACG ACG ACG AC
TYL GP	GTG ACT TGA CTC CTC Ser Ala TH
TTG AGT TCT	CAC TGA Thr Glu ASP
CAG TAC TAC CTG CAG TTG ACA AGA	r val Thr
CAG TAC TAC GAC GTC TAU Ser Se	r.c.
AAC CAG ATG ATG GAO GIN Leu Sor	TO CGG ACC ACC
TTG CIP TYP TYP	TCG GGC GCA GGC TGG TGG
Asn Gir	GAC TAC TGG CCG CGT CON Thr TAL
GOT T	TG ATG ACC GLY Ala GI
TCT TCG GAT CGA	97 TG GAC TAC TGG GGC GCA GGG ACC ACG TTG GAC TAC TGG TGC TAG ATG ACC CCG CGT CCC TGG TGC AAC CTG ATG ACC CCG CGT CCC TGG TGC AAC CTG ATG Trp Gly Ala Gly Thr Tar Leu Asp Tyr
GCA AGA AGC CTA Ala	Leu Asper
TAC TGT CGT TCT ROLL SET ASD TO	
ATG ACA Ala Arg Ser	
TAL CAR	
11 <b>k</b> %	
	•
III 6V A	-166
	F1G.6
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## 20E11 Heavy Chain Variable Region

		27												54				
	CTC	CTC	AGT	CCT	GGA	AGC TCG	GAG	CAC	TTT	GGA	AGA	GTC	TGA	GAC	AGG	GAG	TGG	ACA
	Glu	Glu	Ser	Gly	Pro	Ser	Leu	Val	Lys	Pro	Ser	Gln	Thr	Leu	Ser	Leu	Thr	Cys
									81							~~~		108
	TCT	GTC	ACT	GGC	GAC	TCC AGG	ATC	ACC	AGT	GGT	TAC	TGG	AAC	ACC	TAG	GCC	AAA	AAG
	Ser	Val	Thr	Gly	Asp	Ser	Ile	Thr	Ser	Gly	Tyr	Trp	Asn	Trp	Ile	Arg	Lys	Phe
<b>[</b> ]									135									162
1] 25	CCA	GAT	дат	ACA	CTT	GAG	TAC	ATG		TAC	ATA	AGT	TAC	AGT	GGT	AGT	ACT	
11	GGT	CTA	TTA	TGT	GAA	CTC	ATG	TAC	CCT	ATG	TAT	TÇA	ATG	TCA	CCA	TCA	TGA	ATG
	Pro	Asp	Asn	Thr	Leu	Glu	Tyr	MET	Gly	Tyr	Ile	Ser	Tyr	Ser	Gly	Ser	Thr	Tyr
FLI I IJ									189									216
로 주*녹	TAC	AAT	CCA	TCT	CTC	AGA	AGT	CGA	ATC	TCC	ATC	ACT	CGA	GAC	ACA	TCC	AAG	AAC
i.j 10	ATG	TTA	GGT	AGA	GAG	TCT	TCA	GCT	TAG	AGG	TAG	TGA	GCT	CTG	TGT	AGG	TTC	TTG
וויינן, וויינן או לוויינן, וויינן, וויינון, וויינן,	Tyr	Asn	Pro	Ser	Leu	Arg	Ser	Arg	ile	ser	TTE	Thr	Arg	Asp	Inr	ser	rys	ASII
									243									270
F:3	CAG	TAC	TCC	ATG	CAG	TTG	AAT	TCT	GTG	ACT	ACT	GAG	GAC	ACA	GCC	ACA	TAT	TAC
	GTC	ATG	AGG	TAC	GTC	AAC	TTA	AGA	CAC	TGA	TGA	CTC	CTG	TGT	CGG	TGT	ATA	ATG
	Gln	Tyr	Ser	MET	Gln	Leu	Asn	Ser	Val	Thr	Thr	Glu	Asp	Thr	нта	ınr	ryr	TÀL
				*														

TGT GCA AGA TCC TCG GAT GCT ATG GAC TAC TGG GGC GC ACA CGT TCT AGG AGC CTA CGA TAC CTG ATG ACC CCG CG Cys Ala Arg Ser Ser Asp Ala MET Asp Tyr Trp Gly

FIG. 7

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